

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	582	(abnormal near3 voltage near5 (protect\$4 prevent\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/14 13:39
L2	9586	ballast and ((discharge fluorescen\$4) near3 (lamp bulb tube vessel))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/14 11:10
L4	1012	ballast and ((prevent\$4 protect\$4) near4 circuit) and (fluorescen\$4 near3 (lamp bulb tube))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/14 15:25
L6	419	4 and ((sens\$4 detect\$4 monitor\$4) near5 voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/14 15:26
L8	172	6 and ((sens\$4 detect\$4 monitor\$4) near5 (fluorescen\$4 lamp) near5 voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/14 11:30
L18	381	safety near5 circuit and ballast	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/14 15:23
L19	151	ballast and ((prevent\$4 protect\$4) near4 circuit) and (fluorescen\$4 near3 (lamp bulb tube))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 16:06
L20	23	19 and ((sens\$4 detect\$4 monitor\$4) near5 voltage)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 15:58



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Result # 1 Relevance: ○○○○○○

**PREVIEW**
this document**EFFICIENT SAFETY CIRCUIT FOR ELECTRONIC BAL**

25-Jun-2002

IPCOM000008580D

English

In electronic ballast circuits for fluorescent lamps, the self oscill commonly used in the low cost half bridge converter, is prone to runaway when the fluorescent lamp does not strike. As a consequence the switches are oversized to sustain such a ...

Result # 2 Relevance: ○○○○○○

**PREVIEW**
this document**Multiple-CCFL inverter all output shutdown circuit failure happened**

19-Jun-2003

IPCOM000013901D

English

A multiple-CCFL (cold-cathode fluorescent lamp) inverter that has safety protection was developed. When it happened any failure inverter shut off all the high-voltage outputs. The protection circuit all the STOP signals of each controller ...

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